

## ABSTRACT

A deflection yoke is used for a cathode ray tube (CRT) including a glass tube having a screen surface and a straight portion for accommodating an electron gun. The deflection yoke includes a main deflection yoke including 5 first and second horizontal deflecting coils and first and second vertical deflecting coils, and a sub-deflection yoke provided at a side of the main deflection yoke towards the electron gun of the CRT. The first and second horizontal deflecting coils have substantially saddle shapes and includes first and second coil-connection-wire sections and first and second horizontal 10 deflection sections, respectively. The first and second coil-connection-wire sections are wound in a direction perpendicular to a tube axis of the CRT and along the straight portion, respectively. The first and second horizontal deflection sections are located towards the screen surface from the first and the second coil-connection-wire sections, respectively. In the deflection yoke, 15 magnetic lines emitted from a rear end of the horizontal deflecting coil towards the electron gun decreases. An induced voltage generated at the sub-deflection yoke accordingly decreases, and thus, a noise on a screen noise produced due to the induced voltage is reduced.